

(FDD 25703)

The Biochemical Substrate of Neural Trophicity, by
K. M. Bykov, V. M. Vasyntochkin, 21 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR imeni I. M.
Sechenova Vol. XL, NO 5, Moscow, Sep/Oct 1954, pp 555-
565.

CIA/FDD/U-7474

USSR

Sci - Medicine, neurophysiology

29, 753

(FDD 25704)

The Central Control of Internal Eye Pressure,
by N. N. Zayko, S. N. Mints, 14 pp.

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I. M. Sechenova, Vol XL, No 5, Moscow, 1954,
pp 572-578.

CIA/FDD/U-7483

USSR

Sci - Medicine, neurophysiology

29,883

(FDD 25705)

The Physiology of the Inhibitory Process, by
N. Khamne, K. Krostev, I. Iliyev, 5 pp.

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I. M. Sechenova, Vol XL, No 5, Moscow, 1954,
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CIA/FDD/J-7484

USSR

Sci - Medicine, neurophysiology

29,882

(FDD 25848)

The Problem Concerning the Training of an
Extinguishing Inhibition, by B. O. Beznosikov,
16 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR, Vol XL,
No 6, Moscow, Nov/Dec 1954, pp 653-660.

CIA/FDD/11-7547

USSR

Sci - Medicine, neurophysiology

CTS Nov 55

29,865

(FDD 25870)

The Development of Extinguishing Inhibition by
Anesthetization in Relation to the Resistance of
Conditioned Reflexes, by M. M. Sokolov, 15 pp.

RUSSIAN, bimo per, Fiziol. Zhur. SSSR, Vol XL,
No 6, Moscow, Nov/Dec 1954, pp 661-667.

CIA/FDD/U-7556

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Sci - Medicine, neurophysiology

CTIS Nov 55

29,875

(FDD 25871)

Certain Data Concerning the Conditioned Reflex
of Premature Children, by K. N. Irzhanlarya, R. A.
Fel'derbaum, 10 pp.

RUSSIAN, bimo per, Fiziol Zhur SSSR, Vol. XL, No 6,
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CIA/FDD/U-7557

USSR

Sci. Medicine, neurophysiology

CIS Nov 55

29,871

(FDD 25872)

The Formation of Conditioned Salivary Reflex After
Fortification by a Complex Unconditioned Stimulus,
by I. A. Lapin, 7 pp.

RUSSIAN, bimo per, Fiziol Zhur' SSSR, Vol XL, No 6,
Moscow, Nov/Dec 1954, pp 661-663.

CIA/FDD/U-7566

USSR

Sci - Medicine, neurophysiology

CTB Nov 55

4,870

(FDD 25873

The Functional Condition of the Nerve Centers
in the Spinal Column During Reflex After Action,
by D.P. Matyeshkin, 16 pp

RUSSIAN, bimo per, Fiziol Zhur SSSR, Vol XL, No 6,
Moscow, Nov/Dec 1954, pp 684-690

CIA/FDD/U-7592

Dec 55 CTS

30,452

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Sci - Medicine, neurophysiology

(FDD 25874)

The Role of Acetylcholine in the Development of a
Central Inhibition, by I.M. Volkova, 13 pp

RUSSIAN, bimo per, ~~izdat Zhur SSSR~~,
igani I.M. Sechenova, Vol XL, No 6, Moscow,
nov/Dec 1954, pp 691-696

CIA/FDD/U-7593

Dec 55 CTS

30,450

USSR

Sci - Medicine, pharmacology

(FDD 25875)

A method for Determining the Nervous Type System
in Man, by N.A. Kokotova, 9 pp

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Moscow, Nov/Dec 1951, pp 727-729

CIA/FDD/U-7594

Dec 55 CTS

30,451

USSR

Sci - Medicine, neurophysiology

(FDD 25876)

The Electrical Ondograph, by D. Ye. Guzeyev, 12 pp.

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CIA/FDD/U-7640

Dec 55 CTS

USSR

Sci - Medicine, miscellaneous
Electricity

30,434

(copyright)

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The Hasonov-Rosenthal' Equation and Various Indexes
of Excitability, by A. O. Navakhtikyan, 22 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR imeni I. M.
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Dec 56 CTS CIA/IND/U-7641

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Sci - Medicine, neurophysiology 30,433

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(FDD 25849)

The Works of V. A. Engel'gerdt in the Field of the Dynamics of the Cell, by S. A. Neyfakh, 12 pp.

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CIA/FDD/U-7685

USSR

Sci - Medicine, biochemistry

31,607

Jan 56 CTS

(FDD 25878).

Experimental Study of Oxygen Starvation of the Brain
and Its Significance for Clinical Medicine, by I. R.
Netrov, 22 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR imeni I. M.
Sechenova, Vol XLV, No 1, Leningrad, Jan/Feb 1955,
pp 9-16.

CIA/FDD/U-7686

USSR
Sci - Medicine, physiology

31,606

Jan 56 CTS

62-15057

Nikolaeva, N. I.
CHANGES IN THE EXCITABILITY OF VARIOUS
REGIONS OF THE CEREBRAL CORTEX IN THE
PRESENCE OF THE FORMATION OF MOTOR CON-
DITIONAL REFLEXES. [1961] 7p. 10 refs.
Order from OTS or SLA \$1.10

62-15057

Trans. of Fiziologicheskii Zhurnal SSSR, 1955, v. 41,
no. 1, p. 19-24.

DESCRIPTORS: *Cerebral cortex, *Conditioned re-
flex, Motor reactions, Nervous system, Stimulation.

Direct stimulation of the region of the motor analyzer
in cats in which the appropriate conditioned reflexes
had been established showed that rise in the excitabi-
lity of the cerebral cortex at the point of reinforcement
stimulation produced by the signal stimulus sets in
(Biological Sciences--Physiology, TT, v. 7, no. 12)
(over)

I. Nikolaeva, N. I.
II. National Institutes of
Health, Bethesda, Md.

*CIA/FOUO-7732**13p*

Office of Technical Services

FDD 25230)

Thirst as a Compound Unconditioned Reflex and Changes
in the Excitability of the Brain Centers, by P. O.
Bakarov, 13 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR, Vol XLI, No 1,
Moscow, Jan/Feb 1955, pp 25-30.

CIA/FDD/U-7733

USSR

Sci - Medicine, neurophysiology

31,592

Jan 56 CTS

(FDD 25881)

The Conditioned Reflex Mechanism of the Influence of Emotions on Work Capacity, by V. I. Missayuro, 6 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR, X Vol XLI, No 1, Moscow, Jan/Feb 1955, pp 31-34.

CIA/FDD/U-7734

USSR

Sci - Medicine, neurophysiology

31591

Jan 56 CTS

(FDD 25882)

The Physiology of the Motor Analyzer of Man, by D. I. Shatenshteyn, Ye. N. Yordanskaya, 16 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR, Vol XLI, No 1, Moscow, Leningrad, Jan/Feb 1955, pp 35-42.

CIA/FDD/U-7742

USSR

Sci - Medicine, neurophysiology

31,587

Jan 56 CTS

1

(FDD 25883)

Changes in the Maximal Frequency of the Movements of
a Finger Under the Influence of the Movements of the
Symetric Extremity, by A. V. Korobkov, 11 pp.

RUSSIAN, bimo per, Fiziol Zhur SSSR, Vol XLI, No 1,
Moscow, Leningrad, Jan/Feb 1955, pp 43-47.

CIA/FDD/U-7743

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Sci - Medicine, neurophysiology

Jan 56 CTS

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Tension Reflex During a Singular Muscular Contraction,
by P. G. Kostyuk, 19 pp.

RUSSIAN, bino per, Fiziol Zhur SSSR, Vol XLI, No 1,
Moscow, Leningrad, Jan/Feb 1955, pp 55-63.

CIA/FDD/J-7744

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Sci - Medicine, neurophysiology

31,588

Jan 56 CTS

(FDD 25885)

Participation of the Sympathetic Section of the Nervous System in the Compensatory Reactions of the Organism During Asphyxia Produced During a Spasm of the Bronchial Musculature, by T. M. Turpayev, A. G. Putintseva, 16 pp.

RUSSIAN, bimo per, Fiziol Zhur SSSR, Vol XLI, No 1, Moscow, Leningrad, Jan/Feb 1955, pp 71-77.

CIA/FDD/U-7745

USSR

Sci - Medicine, neurophysiology 31585

Jan 56 CT8

(FDD 25886)

Change in the Contraction Capacity of the Heart During
Its Fatigue and Recovery, by V. V. Frol'kis, 14 pp.

RUSSIAN, Memo per, Fiziol Zhur SSSR, Vol XLI, No 1,
Moscow, Leningrad, Jan/Feb 1955, pp 78-83.

CIA/FDD/U-7746

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Sci - Medicine, physiology

31,584

Jen 56 CTS

(FDD 25687)

The Effect of Stimulation of the Vagus Nerve on the
Cell Factors in the Coagulation of Blood, by G. I.
Tsobkhallo, 12 pp.

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Moscow, Leningrad, Jan/Feb 1955, pp 84-88.

CIA/FDD/U-7747

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Sci - Medicine, hematology

31,582

Jan 56 CTS

(FDD 25888)

The Consumption of Phosphatides and Cholesterol
During Muscular Work, by Ye. S. Mnukhina, 15 pp.

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No. 1, Moscow, Leningrad, Jan/Feb 1955, pp 89-94.

CIA/FDD/U-7748

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Sci - Medicine, Physiology

31,583

Jan 56 CTB

(RUC 1000)

A Method of Registering the Blinking Reflexes of
Unweaned Children, by A. M. Fonarev, 6 pp.

RUSSIAN, bimo per; Fiziol Zhur SSSR, Vol XLI, No 1,
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CIA/FDD/U-7749

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Sci - Medicine, neurophysiology

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Jan 56 CTS

(FDD 25890)

A Method of Investigating the Higher Nervous
Activity of Animals, by A. V. Glebovskiy, V. K.
Pedorov, 11 pp.

RUSSIAN, bimo per, Fiziol Zhur SSSR, Vol XLI,
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CIA/FDD/U-7764

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Sci - Medicine, neurophysiology

Jan 56 CTS/DEX

(FDD 25891)

An Apparatus Which Registers Processes by a
Pneumo-optic Method, by M. L. Linetskiy, M. I.
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CIA/FDD/U-7765

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Sci - Medicine, miscellaneous
Jan 56 CTS/DEX

(FDD 25892)

More on the Measurement of the Excitability of
Conducting Tissues, by D. N. Maschov, D. L.
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No 1, Moscow/Leningrad, Jan/Feb 1955, pp 121-131.

CIA/FDD/U-7766

USSR

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Jan 56 CTS/DEX

31, 339

S-4582

(NY-1839)

The Human Encephalogram During Sleep and Hypnosis,
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RUSSIAN, per, Fiziol Zhur SSSR, Vol XL1, No 2,
Moscow, Mar/Apr 1955, pp 178-186.

US JERS/NI-L-353

Sci - Medicine

74, 790

(FID 27582)

Characteristics of the Effect on the Central
Nervous System of Cholinolytic Substances Which
Block the M and N Cholinergic Systems,
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RUSSIAN, bio per, Pis Zhar SSSR imeni I. M.
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Jul/Aug 1955, pp 575-581.

CIA/FID U-8521

37,680

USSR

Sci - Medicine, physiology

(FOU 27759)

On the Question of the Effect on the Central Nervous
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Baryshnikov, 12 pp.

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Vol. XLII, No 5, Leningrad/Moscow, Sep/Oct 1955, pp 660-
665.

CIA/TDD U-4540

38,935

USER

Sci. - Medicine, physiology

Aug 96 UTS/DEK

(FDD 27790)

Effect of Complex Conditioned and Unconditioned
(Painful) Stimuli on the Activity of Cholinesterase
in the Normal and After Removal of the Cerebellum,
by M. M. Reydlar, D. L. Pavzner, 12 pp.

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CIA/FDD U-8641

38,908

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Sci - Medicine, physiology

Aug 56 CTS/DEX

A

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REMOTE RECORDING BY RADIO OF THE RATE
OF HEART CONTRACTIONS IN FREELY MOVING
HUMAN SUBJECTS (Registratsiya po Radio Chastoty
Serdechnykh Sokrashchenii u Svobodno
Peredvigayushchegosya Cheloveka). [1961] [15]p.
39 refs.

Order from OTS or SLA \$1.60

62-10165

Trans. of Fiziologicheskii Zhurnal SSSR, 1955
[v. 41, no. 6] p. 718-724.

Another trans. is available from OTS \$1.60 as
AD-264 072, STL-TR-61-5110-43, Aug 61, 15p.

DESCRIPTORS: *Heart; *Recording systems, *Radio,
Measurement, Motor reactions, Man, Electronics,
*Electrodes, Experimental data, Analysis, *Medical
research. *Scientific research, Bioelectronics.

(Biological Sciences--Physiology, TT, v. 7, no. 9)
(over)

62-10165

1. Title: Remote recording
2. Title: Bionics
3. Title: Radiopulsophone
1. Rosenblat, V. V.
11. Dombrovskii, L. S.

Office of Technical Services

S-4573

(NY-1840)

Further Investigations on the Dynamics of Cerebral Potentials in Various Phases of Hypnosis in the Human, by A. I. Marenina, 6 pp.

RUSSIAN, per, Fiziol Zhur SSSR, Vol XXI, No. 1, Moscow, Nov/Dec 1955, pp 742-747.

US JPRS/NY-I-354

Sci - Medicine

74, 789

Anesthesia by Hypothermia in Animals, by E. V.
Gubler.

RUSSIAN, per, Fiz Zhiv. 5930, Vol XLI, Nov-
Dec 1955, pp 837-840.

NIH L

Sci - Med

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73,304

S-4559

(DC-2155)

Problems Concerning the Interrelation Between the
Cerebral Cortex and the Internal Organs, by
D. A. Biryukov, 9 pp.

RUSSIAN, per, Fiziol Zhur SSSR, Vol XLII, No 2,
Moscow, Feb 1956, pp 142-148.

US JPRS/DC-L-875

Sci - Medicine

74, 981

S-4559

(DC-2155)

Method for the Complete Exclusion of Visual,
Auditory, Vestibular, and Olfactory Receptors,
by B. N. Klosovskiy, Ye. N. Kosmarskaya, 5 pp.

RUSSIAN, per, Fiziol Zhur SSSR, Vol XLII,
No 2, Moscow, Feb 1956, pp 242-244.

US JPRS/DC-L-876

Sci - Medicine

74, 982

On the Theory of Electroplethysmography,
by Yu. Ye. Noskaloenko, A. I. Naumenko, 11 pp.

RUSSIAN, per, Fiz Zhur SSSR, Vol XLII, No 3,
1956, pp 312-316.

NASA TT F-157

Sci-Phys
May 63

157 230,897

69-18530

I. Filistovich, V. L.

Filistovich, V. L.
FESSEAL INHIBITION OF THE DEPRESSOR ACTIVITY OF THE SINOCAROTID APPARATUS. [1965] 18p (figs. omitted) 31 refs
Order from OTS or SLA \$1.60

69-18530

Trans. of *Physiologicheskii Zhurnal SSSR*, 1966, v. 42, no. 6, p. 477-486.

DESCRIPTORS: Inhibition, Stimulation, Reflexes, *Carotid sinus, *Chemoreceptors, Nerves, *Neuromuscular transmission, *Blood pressure

Data is presented on the reflex depressions of blood pressure produced by stimulating the sinocarotid nerve electrically (with stimuli varying in frequency and strength) as well as those evoked by adequate stimulation of the carotid sinus baroreceptors during a rise of intravenous pressure. The afferent impulsion in the trunk of the sinocarotid nerve was also studied. (Biological Sciences-Physiology. TT, v. 10, no. 10)

Office of Technical Services

Contribution to the Problem of the Regulation
of the Breathing and Circulation of the Blood
in the Somnolent State, 8 pp.

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Sachanov, No 7, 1956, pp 541-545. 9670161

ATIC MCL-920/1

Sci - Med

Jul 61

159,231

Max Pressure Fluctuations in the Hermetic
Cavity, by A. I. Naumenko, 14 pp.

RUSSIAN, Fiz Zhur SSSR, Vol XLII, No 8, 1956,
pp 660-667.

NASA TT F-162

Sci-Biol & Med Sci
Apr 63

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NL 123.8731.9 (1963) (10.1)

(DC-1164)

On the Mechanism of Adaptation of Reflex Reactions,
by V. V. Frolkis, A. V. Frolkis, 8 pp.

RUSSIAN, no par, Fiziol Zhur SSR, Imeni I. M.
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1956, pp 854-860.

US JPRS/DC-L-659

62-15054

Sci - Medicine, Physiology

70, 161

Methods of Physiological Investigations. The Electroencephaloscope, by V. M. Anan'yev, 10 pp.

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Vol XLIX, No 11, Moscow/Leningrad, Nov 1956, pp 981-988.

US JPRS/DC-L-100

Sci - Medicine, physiology

61,151

E-4569

(NY-1848)

The Application of Multipolar Electrodes to
the Hypothalamic Area of Dogs During Chronic
Experiments, by P. G. Bogach, A. P. Kosenko,
6 pp.

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Sci - Medicine

74, 983

VOL 47, 1961

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